

## DOKUMENTACIJA

<https://dekitriv.github.io/flights/>

Web Programiranje 1

Dejan Trivunovic, 12/18

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# 1. Uvod

## 1.1. Korisceni programski jezici

Sajt je radjen pomocu : HTML, CSS, JavaScript, jQuery, jQuery DatePicker plugin, XML, Visual Studio Code.

## 1.2. Opis Funkcionalnosti

**Sajt poseduje sledece funkcionalnosti i opcije:**

- Autocomplete za input forme (uzeto sa neta)
- DatePicker plugin (uzeto sa neta)
- Exchange dugme koje switchuje value
- Provera forme za let kroz regularne izraze ili uslove za datume u odnosu na klijentsko vreme
- “Spustanje” na focus forme klikom na dugme
- Dinamicki ispisani articles sa slikama
- Dinamicki ispisani <option> tagovi
- Dopunjavanje inputa crticama za kreditnu karticu I provera kroz regularne izraze
- “Otvaranje” novog input polja klikom na checkbox
- Menjanje sadrzaja u odnosu na izabrano polje u <select> tagu
- “Otvaranje” BubbleBox-a hoverom na info
- Responsive sajt

## 1.3 Template

Koriscen je template <https://html5up.net/story>, uz modifikacije prilagodjene sopstvenim potrebama.

## 2. Organizacija

### 2.1. Organizaciona sema

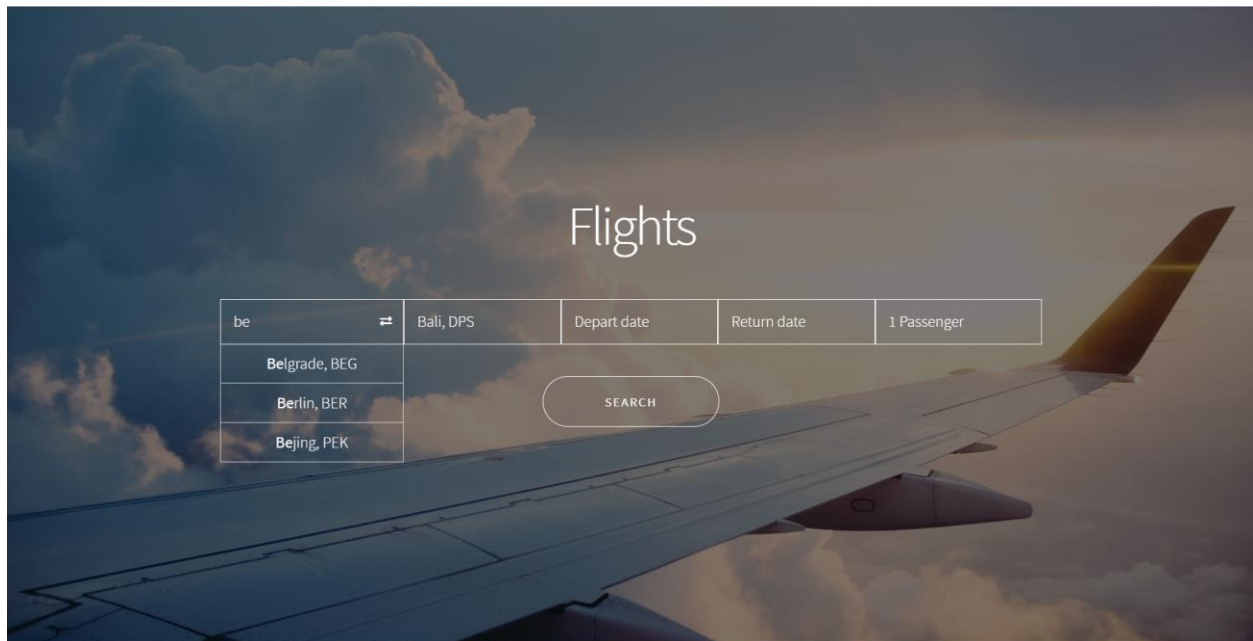
Sajt je radjen kao single page stranica.

### 2.2 Mapa sajta

```
<?xml version="1.0" encoding="utf-8"?>
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://dekitriv.github.io/flights/index.html</loc>
    <lastmod>2019-12-6</lastmod>
    <changefreq>weekly</changefreq>
    <priority>1</priority>
  </url>
</urlset>
```

## 2.3 Slike stranica I opis funkcionalnosti

Sajt je single page stranica.



Unosom teksta u input polja korisniku se izbacuju predlozi koji su prethodno kreirani u nizu.

Klikom na “exchange” dugme menjaju se vrednosti polja.

Klikom na neki od ‘date’ polja otvara se plugin DatePicker.

Klikom na SEARCH proveravaju se polja pomocu regularnih izraza I proverava se da li je unet validan datum.



## Flights

Flights® is an online travel agency specialised in providing quality services to help you find and purchase flight tickets, hotel accommodation, car rental. Book in absolute safety and convenience using Flights reliable services. We have made sure that you will be completely satisfied.

BOOK A FLIGHT

## Hotels



Klikom na dugme 'Book a flight' prelazi se na formu za pretragu letova.

## Hotels

We've special deals with the world's leading hotels – and we share these savings with you. From local hotels to global brands, discover millions of rooms all around the world. We give travelers one of the widest selections of accommodation on the net, including both independent and major chain hotels as well as self-catering in over hundreds of thousands properties worldwide. The company offers a one-stop shopping source for hotel pricing, amenities and availability and also specializes in providing travelers with accommodation during sold-out periods.

SEARCH FOR HOTELS



Klikom na dugme 'Search for hotels' prelazi se na focus tekst polja u formi za pretragu hotela.



## Cars

Our Rent-a-car hire cars in countries and languages, Flights is the world's biggest online car rental service. Working with leading suppliers, we offer great prices on all car groups, including luxury cars, people carriers, minivans and automatic cars. With a multilingual call centre open 7 days a week, we can find you the best rental prices whenever you want - wherever you go.

LOOK FOR CARS TO RENT

## Our recommendation

Klikom na dugme 'Look for cars to rent' prelazi se na focus tekst polja u formi za pretragu automobile.

## Our recommendation

These are some of the destinations you can travel to and find quality hotels. We strongly recommend a flight to some of the following places to enjoy beautiful destinations at great prices



Dinamicki ispisani articli sa slikama, titlom I tasterom.

Hover I funkcionalnost galerije je u sklopu template-a.

### Find your place to stay

Where do you want to stay

Check-in date

Check-out date

Guests

2 ▼

Enter your credit card

SEARCH

### Find your ride

Pick up location

☒ Driver aged between 25-70 

Rental companies may charge extra for drivers aged under 25 and over 70.

☐ Return car in a different location

Pick up date

Hours

12:00 ▼

Drop-Off date

Hours

12:00 ▼

SEARCH

Klikom na dugme search, proverava se:

- Tekstualna polja preko regularnih izraza
- Datumi preko klijentskog vremena
- Polje za unos kreditne kartice

Prelaskom misa na info ikonicu pojavljuje se info BubbleBox.

Klikom misa na checkbox 'Return car in a different location' pojavljuje se novi input za tekst.

Dinamicki ispisani <option> tagovi za sate.

Izborom u selectu za broj gostiju <label> tag se menja u zavisnosti da li je jednina ili mnozina.

Uradjen placeholder za polja sa datumima tako da odgovara klijentskom vremenu.

Automatski ispis crtica u polju za kreditnu karticu.



## 3. Kodovi

### 3.1. HTML

```
4. <!DOCTYPE HTML>
5. <html>
6.     <head>
7.         <title>Flights</title>
8.         <meta charset="utf-8" />
9.         <meta name="author" content="Dejan Trivunovic"/>
10.        <meta name="viewport" content="width=device-width, initial-scale=1, user-
scalable=no" />
11.        <meta name="description" content="Flights® is an online travel agency
specialised in providing quality services to help you find and purchase flight tickets,
hotel accommodation, car rental."/>
12.        <meta name="keywords" content="Travel, Flights, Hotels, Rent-a-car,
Locations"/>
13.        <link rel="icon" type="image/ico" href="images/favicon.ico"/>
14.        <link rel="stylesheet" href="assets/css/main.min.css" />
15.        <link rel="stylesheet" href="assets/css/datepicker.css" />
16.        <noscript><link rel="stylesheet" href="assets/css/noscript.css" /></noscript>
17.    </head>
18.    <body class="is-preload">
19.
20.    <!-- Wrapper -->
21.    <div id="wrapper" class="divided">
22.
23.    <!-- One -->
24.        <section id="bannerMain" class="banner onload-image-fade-in onload-content-fade-
right style5 fullscreen content-align-center image-position-center invert">
25.            <div id="flights" class="content">
26.                <h1>Flights</h1>
27.                <br/>
28.                <div id="searchWrap">
29.                    <form id="searchForm" method="GET" action="">
30.                        <div id="from" class="autocomplete">
31.                            <input type="text" id="inputFrom" placeholder="From"
autocomplete="off"/>
32.                            <button id="exchange">
33.                                <i class="fas fa-exchange-alt"></i>
34.                            </button>
35.                        </div>
36.                        <div id="to" class="autocomplete">
37.                            <input type="text" id="inputTo" name="" placeholder="To"
autocomplete="off"/>
38.                        </div>
39.                        <div id="departDate">
```

```

40.         <input type="text" id="departDateInput" name=""
placeholder="Depart date" data-toggle="datepicker"/>
41.     </div>
42.     <div id="returnDate">
43.         <input type="text" id="returnDateInput" name=""
placeholder="Return date" data-toggle="datepicker"/>
44.     </div>
45.     <div id="passengers">
46.         <select>
47.             <option value="1">1 Passenger</option>
48.             <option value="2">2 Passengers</option>
49.             <option value="3">3 Passengers</option>
50.             <option value="4">4 Passengers</option>
51.             <option value="5">5 Passengers</option>
52.         </select>
53.
54.     </div>
55. </form>
56.
57. </div>
58. <ul class="actions special">
59.     <li><input type="button" class="button large wide" name="searchFlights"
id="searchFlights" value="Search" /></li>
60. </ul>
61.
62. </div>
63. <div id="bgImage" class="image">
64.     
65. </div>
66. </section>
67.
68. <!-- Two -->
69. <section class="spotlight style1 orient-right content-align-left image-position-
center onscroll-image-fade-in" id="first">
70.     <div class="content">
71.         <h2>Flights</h2>
72.         <p>Flights® is an online travel agency specialised in providing quality
services to help you find and purchase flight tickets, hotel accommodation, car rental.
73.         Book in absolute safety and convenience using Flights reliable services. We
have made sure that you will be completely satisfied.</p>
74.         <ul class="actions stacked">
75.             <li><a href="#" class="button">Book a flight</a></li>
76.         </ul>
77.     </div>
78.     <div class="image">
79.         
80.     </div>
81. </section>
82.
83. <!-- Three -->

```

```

84.     <section class="spotlight style1 orient-left content-align-left image-position-
      center onscroll-image-fade-in">
85.         <div class="content">
86.             <h2>Hotels</h2>
87.             <p>We've special deals with the world's leading hotels - and we share these
              savings with you. From local hotels to global brands, discover millions of rooms all
              around the world.
88.             We give travelers one of the widest selections of accommodation on the net,
              including both independent and major chain hotels as well as self-catering in over
              hundreds of thousands properties worldwide. The company offers a one-stop shopping
              source for hotel pricing, amenities and availability and also specializes in providing
              travelers with accommodation during sold-out periods.</p>
89.             <ul class="actions special stacked">
90.                 <li><input type="button" class="big wide large" name="hotelsLink"
                  id="hotelsLink" value="Search for hotels" /></li>
91.             </ul>
92.         </div>
93.         <div class="image">
94.             
95.         </div>
96.     </section>
97.
98.<!-- Four -->
99.     <section class="spotlight style1 orient-right content-align-left image-position-
      center onscroll-image-fade-in">
100.         <div class="content">
101.             <h2>Cars</h2>
102.             <p>Our Rent-a-car hire cars in countries and languages, Flights is
              the world's biggest online car rental service. Working with leading suppliers, we offer
              great prices on all car groups, including luxury cars, people carriers, minivans and
              automatic cars. With a multilingual call centre open 7 days a week, we can find you the
              best rental prices whenever you want - wherever you go.</p>
103.             <ul class="actions special stacked">
104.                 <li><input type="button" class="big wide large" name="carsLink"
                  id="carsLink" value="Look for cars to rent" /></li>
105.             </ul>
106.         </div>
107.         <div class="image">
108.             
109.         </div>
110.     </section>
111.
112.<!-- Five -->
113.     <section class="wrapper style1 align-center">
114.         <div class="inner">
115.             <h2>Our recommendation</h2>
116.             <p>These are some of the destinations you can travel to and find
              quality hotels.
117.             We strongly recommend a flight to some of the following places to
              enjoy beautiful destinations at great prices</p>

```

```

118.         </div>
119.
120.         <!-- Gallery -->
121.         <div id="dinamic" class="gallery style1 medium lightbox onscroll-
fade-in">
122.         </div>
123.
124.     </section>
125.
126.     <!-- Seven -->
127.     <section class="wrapper style1 align-left full">
128.         <div id="wrapForHotels" class="inner medium">
129.             <h2>Find your place to stay</h2>
130.             <form method="post" action="#">
131.                 <div class="fields">
132.                     <div class="field">
133.                         <label for="hotelLocation">Where do you want to
stay</label>
134.                         <input type="text" id="hotelLocation" name=""
placeholder="Type in a location">
135.                     </div>
136.                     <div class="field half">
137.                         <label for="checkIn">Check-in date</label>
138.                         <input type="text" data-toggle="datepicker"
name="checkIn" id="checkIn" value="" />
139.                     </div>
140.                     <div class="field half">
141.                         <label for="checkOut">Check-out date</label>
142.                         <input type="text" data-toggle="datepicker"
name="checkOut" id="checkOut" value="" />
143.                     </div>
144.                     <div class="field half">
145.                         <label for="guests">Guests</label>
146.                         <select id="guests">
147.                             <option>1</option>
148.                             <option selected="selected">2</option>
149.                             <option>3</option>
150.                             <option>4</option>
151.                             <option>5</option>
152.                         </select>
153.                     </div>
154.                     <div class="field half">
155.                         <label for="creditCard">Enter your credit card</label>
156.                         <input type="text" id="creditCard" placeholder="0000-
0000-0000-0000" name="">
157.                     </div>
158.                 </div>
159.                 <ul class="actions special">
160.                     <li><input class="big wide large" type="button"
name="searchHotels" id="searchHotels" value="Search" /></li>

```

```

161.         </ul>
162.     </form>
163. </div>
164. <div id="wrapForCars" class="inner medium borderShadow">
165.     <h2>Find your ride</h2>
166.     <form method="post" action="#">
167.         <div class="fields">
168.             <div class="field">
169.                 <div id="pickUpLocation" class="field">
170.                     <label for="name">Pick up location</label>
171.                     <input type="text" name="pickUp" id="pickUp" value=""
172.                         placeholder="Type in a location" />
173.                 </div>
174.                 <div id="dropOffLocation" class="field half">
175.                     <label for="name">Drop-off location</label>
176.                     <input type="text" name="dropOff" id="dropOff"
177.                         value=""
178.                         placeholder="Type in a location" />
179.                 </div>
180.                 <div id="infoParent" class="field half">
181.                     <input type="checkbox" name="driver" id="driver"
182.                         checked="checked" />
183.                     <label for="driver">Driver aged between 25-70 &nbsp; <i
184.                         id="driverAge" class="fas fa-info-circle"></i>
185.                     <div id="info">
186.                         <p>Rental companies may charge extra for drivers aged
187.                         under 25 and over 70.</p>
188.                     </div></label>
189.                 </div>
190.                 <div class="field half">
191.                     <input type="checkbox" name="diffLoc" id="diffLoc"/>
192.                     <label for="diffLoc">Return car in a different
193.                         location</label>
194.                 </div>
195.                 <div class="field full">
196.                     <div class="field half flex">
197.                         <div class="field cars">
198.                             <label for="pickUpDate">Pick up date</label>
199.                             <input type="text" name="pickUpDate"
200.                                 id="pickUpDate" data-toggle="datepicker"/>
201.                         </div>
202.                         <div class="field hours">
203.                             <label for="hours">Hours</label>
204.                             <select class="dynamicHours">
205.                                 <option value="1">1 hour</option>
206.                                 <option value="2">2 hours</option>
207.                                 <option value="3">3 hours</option>
208.                                 <option value="4">4 hours</option>
209.                                 <option value="5">5 hours</option>
210.                                 <option value="6">6 hours</option>
211.                                 <option value="7">7 hours</option>
212.                                 <option value="8">8 hours</option>
213.                                 <option value="9">9 hours</option>
214.                                 <option value="10">10 hours</option>
215.                                 <option value="11">11 hours</option>
216.                                 <option value="12">12 hours</option>
217.                             </select>
218.                         </div>
219.                     </div>
220.                 </div>
221.             </div>
222.         </div>
223.     </form>
224. </div>

```

```

205.             <div class="field half flex margin20left">
206.                 <div class="field cars">
207.                     <label for="dropOffDate">Drop-Off date</label>
208.                     <input type="text" name="dropOffDate"
id="dropOffDate" data-toggle="datepicker"/>
209.                 </div>
210.                 <div class="field hours">
211.                     <label for="hours">Hours</label>
212.                     <select class="dynamicHours">
213.
214.                     </select>
215.                 </div>
216.             </div>
217.         </div>
218.     </div>
219.     <ul class="actions special">
220.         <li><input type="button" class="big wide large" name="search"
id="search" value="Search" /></li>
221.     </ul>
222. </form>
223. </div>
224. </section>
225.
226. <!-- Footer -->
227.     <footer class="wrapper style1 align-center">
228.         <div class="inner">
229.             <ul class="icons">
230.                 <li><a href="#" class="icon brands style2 fa-twitter"><span
class="label">Twitter</span></a></li>
231.                 <li><a href="#" class="icon brands style2 fa-facebook-f"><span
class="label">Facebook</span></a></li>
232.                 <li><a href="#" class="icon brands style2 fa-instagram"><span
class="label">Instagram</span></a></li>
233.                 <li><a href="#" class="icon brands style2 fa-linkedin-in"><span
class="label">LinkedIn</span></a></li>
234.                 <li><a href="#" class="icon style2 fa-envelope"><span
class="label">Email</span></a></li>
235.             </ul>
236.             <p>&copy; Flights. Design: <a target="_blank"
href="http://egzoticnaputovanja.000webhostapp.com/autor.html">Dejan Trivunovic</a>.</p>
237.             <a href="">Documentation</a> <a href="">Sitemap</a>
238.         </div>
239.     </footer>
240.
241. </div>
242.
243. <!-- Scripts -->
244.     <script src="assets/js/jquery.min.js"></script>
245.     <script src="assets/js/jquery.scrollex.min.js"></script>
246.     <script src="assets/js/jquery.scrolly.min.js"></script>

```

```
247.         <script src="assets/js/browser.min.js"></script>
248.         <script src="assets/js/breakpoints.min.js"></script>
249.         <script src="assets/js/util.js"></script>
250.         <script src="assets/js/datepicker.js"></script>
251.         <script src="assets/js/main.min.js"></script>
252.     </body>
253. </html>
```

## 3.2 CSS

```
#flights{
  width: 80%;
}
#searchWrap1{
  background-color: rgba(74,86,111,.6);
}
#searchForm{
  display: flex;
}
#exchange{
  overflow: visible;
  text-overflow: visible;
  border: none;
}
#from, #to, #departDate, #returnDate, #passengers{
  display: flex;
  border: solid 1px;
}
#passengers{
  width: 25%;
}
#passengers select{
  background: none !important;
  appearance: none;
  background-position-x: 244px
}
.autocomplete{
  position: relative;
}
#passengers select, #departDate input, #passengers input, #returnDate input, #to input, #from i
input[type="text"], #from input[type="text"]:active, #from button:active, #from button:focus,
#from input[type="text"]:focus{
  border: none !important;
  border-color: none !important;
  box-shadow: none !important;
}
#from button{
  box-shadow: none !important;
  padding: 0px 15px;
  background-color: transparent !important;
  color: transparent !important;
}
span{
  margin: auto 0px;
  padding: 17px;
  transition: background-color 0.2s ease-in-out, box-shadow 0.2s ease-in-
out, color 0.2s ease-in-out;
}
```



```
span:hover{
    color: #47D3E5;
}
.autocomplete-items {
    position: absolute;
    border: 1px solid #d4d4d4;
    border-bottom: none;
    border-top: none;
    margin: 0px -1px;
    z-index: 99;
    top: 100%;
    left: 0;
    right: 0;
}
.autocomplete-items div {
    padding: 10px;
    cursor: pointer;
    background-color: transparent;
    border-bottom: 1px solid #d4d4d4;
}
.autocomplete-active {
    background-color: rgba(71, 211, 229, 0.2) !important;
    color: #ffffff;
}
.full{
    width: 100%;
    display: flex;
}
.left{
    float: left
}
.borderShadow{
    border-left: inset 1px rgba(0, 0, 0, 0.175) ;
}
label{
    margin-bottom: 5px;
    padding-bottom: 5px;
    font-size: 22px !important;
}
.hours{
    width: 50%;
}
.margin20left{
    margin-left: 20px;
}
.half{
    width: 49% !important;
}
.flex{
    display: flex;
```

```
}
.cars{
    width: 70%;
}
#dropOffLocation{
    display: none;
    float: right;
}
#pickUpLocation{
    float: left;
    width: 100%;
}
#info{
    position: absolute;
    z-index: 98;
    display: none;
    background-color: black;
    color: white;
    font-size: 15px;
    padding: 13px;
    position: relative;
    background: #292125;
    border-radius: .4em;
    margin-bottom: 0px;
    padding-bottom: 1px;
    top: 10px;
}
#info:after{
    content: '';
    position: absolute;
    top: 10px;
    left: 86%;
    width: 0;
    height: 0;
    border: 20px solid transparent;
    border-bottom-color: #292125;
    border-top: 0;
    margin-left: -20px;
    margin-top: -20px;
}
#infoParent{
    position: relative;
}
#driverAge{
    padding: 2px;
    padding-bottom: 0px;
}
*{
    scroll-behavior: smooth;
}
```

# CSS – RESPONSIVE

```
@media screen and (max-width: 1569px){
    #info:after{
        left: 12%;
    }
    #info{
        left: -20px;
    }
}
@media screen and (max-width: 1408px){
    #info:after{
        left: 29%;
    }
}
@media screen and (max-width: 1321px){
    #info:after{
        left: 45%;
    }
}
@media screen and (max-width: 1250px){
    .full{
        flex-wrap: wrap;
    }
    #wrapForHotels{
        width: 100%;
    }
    #wrapForCars{
        width: 100%;
        border-left: none;
    }
    #info:after{
        left: 55.5%;
    }
    #info{
        left: 0;
    }
}
@media screen and (max-width: 1150px){
    #flights{
        width: 90%;
    }
    #info:after{
        left: 59.5%;
    }
    .margin20left{
        margin-left: 2%;
    }
}
@media screen and (max-width: 970px){
```

```

#flights{
    width: 80%;
}
#searchForm{
    flex-wrap: wrap;
}
#from{
    width: 50%;
    border-bottom: none;
}
#to{
    width: 50%;
    border-bottom: none;
}
#departDate{
    width: 34%;
}
#returnDate{
    width: 34%;
}
#passengers{
    width: 32%;
}
#info:after{
    left: 71%;
    display: none;
}
}
@media screen and (max-width: 590px){
    #flights{
        width: 90%;
    }
}
@media screen and (max-width: 530px){
    select{
        padding-right: 0px;
    }
    #wrapForCars #infoParent{
        width: 100% !important;
    }
    #wrapForCars .fields{
        flex-wrap: wrap;
    }
    #wrapForCars .fields .half{
        width: 100% !important;
    }
    .margin20left{
        margin-left: 0px;
    }
    .full label {

```

```
        font-size: 18px !important;
    }
}
@media screen and (max-width: 420px){
    #flights{
        width: 100%;
    }
    #bannerMain{
        padding: 2%;
    }
    .full label {
        font-size: 16px !important;
    }
}
@media screen and (max-width: 370px){
    .full label{
        font-size: 14px !important;
    }
}
```

## 3.3 JavaScript

```
// MOJ JS
var year, month, day, returnDay, clientDate
var places = ["Belgrade, BEG", "'Abu Dhabi', AUH", "Dubai, DXB", "Berlin, BER", "Bali, DPS", "Bangkok, BKK", "Beijing, PEK", "Sao Paulo, CGH", "Zanzibar, ZNZ", "Zagreb, ZAG", "Stockholm, STO", "Istanbul, IST", "Tokyo, TYO", "Male, MLE", "Paris, PAR", "Madrid, MAD", "London, LON", "New York, NYC", "Miami, MIA"];
// UZETO SA w3schools-a za autocomplete
function autocomplete(inp, arr) {
    /*the autocomplete function takes two arguments,
    the text field element and an array of possible autocompleted values:*/
    var currentFocus;
    /*execute a function when someone writes in the text field:*/
    inp.addEventListener("input", function(e) {
        var a, b, i, val = this.value;
        /*close any already open lists of autocompleted values*/
        closeAllLists();
        if (!val) { return false;}
        currentFocus = -1;
        /*create a DIV element that will contain the items (values):*/
        a = document.createElement("DIV");
        a.setAttribute("id", this.id + "autocomplete-list");
        a.setAttribute("class", "autocomplete-items");
        /*append the DIV element as a child of the autocomplete container:*/
        this.parentNode.appendChild(a);
        /*for each item in the array...*/
        for (i = 0; i < arr.length; i++) {
            /*check if the item starts with the same letters as the text field value:*/
            if (arr[i].substr(0, val.length).toUpperCase() == val.toUpperCase()) {
                /*create a DIV element for each matching element:*/
                b = document.createElement("DIV");
                /*make the matching letters bold:*/
                b.innerHTML = "<strong>" + arr[i].substr(0, val.length) + "</strong>";
                b.innerHTML += arr[i].substr(val.length);
                /*insert a input field that will hold the current array item's value:*/
                b.innerHTML += "<input type='hidden' value='" + arr[i] + "'>";
                /*execute a function when someone clicks on the item value (DIV element):*/
                b.addEventListener("click", function(e) {
                    /*insert the value for the autocomplete text field:*/
                    inp.value = this.getElementsByTagName("input")[0].value;
                    /*close the list of autocompleted values,
                    (or any other open lists of autocompleted values:*/
                    closeAllLists();
                });
                a.appendChild(b);
            }
        }
    });
}
/*execute a function presses a key on the keyboard:*/
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inp.addEventListener("keydown", function(e) {
    var x = document.getElementById(this.id + "autocomplete-list");
    if (x) x = x.getElementsByTagName("div");
    if (e.keyCode == 40) {
        /*If the arrow DOWN key is pressed,
        increase the currentFocus variable:*/
        currentFocus++;
        /*and make the current item more visible:*/
        addActive(x);
    } else if (e.keyCode == 38) { //up
        /*If the arrow UP key is pressed,
        decrease the currentFocus variable:*/
        currentFocus--;
        /*and make the current item more visible:*/
        addActive(x);
    } else if (e.keyCode == 13) {
        /*If the ENTER key is pressed, prevent the form from being submitted,*/
        e.preventDefault();
        if (currentFocus > -1) {
            /*and simulate a click on the "active" item:*/
            if (x) x[currentFocus].click();
        }
    }
});

function addActive(x) {
    /*a function to classify an item as "active":*/
    if (!x) return false;
    /*start by removing the "active" class on all items:*/
    removeActive(x);
    if (currentFocus >= x.length) currentFocus = 0;
    if (currentFocus < 0) currentFocus = (x.length - 1);
    /*add class "autocomplete-active":*/
    x[currentFocus].classList.add("autocomplete-active");
}

function removeActive(x) {
    /*a function to remove the "active" class from all autocomplete items:*/
    for (var i = 0; i < x.length; i++) {
        x[i].classList.remove("autocomplete-active");
    }
}

function closeAllLists(elmnt) {
    /*close all autocomplete lists in the document,
    except the one passed as an argument:*/
    var x = document.getElementsByClassName("autocomplete-items");
    for (var i = 0; i < x.length; i++) {
        if (elmnt != x[i] && elmnt != inp) {
            x[i].parentNode.removeChild(x[i]);
        }
    }
}

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/*execute a function when someone clicks in the document:*/
document.addEventListener("click", function (e) {
    closeAllLists(e.target);
});
}

autocomplete(document.querySelector('#inputFrom'), places);
autocomplete(document.querySelector('#inputTo'), places);

// Menjanje From-To
var switcher = document.querySelector("#exchange");
var from = document.querySelector("#inputFrom");
var to = document.querySelector("#inputTo");
switcher.addEventListener('click', Switcher);

function Switcher(){
    var fromValue = from.value;
    var toValue = to.value;
    from.value = toValue;
    to.value = fromValue;
    if(fromValue == toValue && fromValue != ""){
        alert("You can't travel to the same airport. Please select another one.");
    }
}

//Dinamicko ispisivanje
var title = ['Bali', 'Maldives', 'Bangkok', 'Los Angeles', 'Tokyo', 'Paris', 'Dubai', 'Barcelona'];
var sources = ['bali', 'maldives', 'bangkok', 'losAngeles', 'tokyo', 'paris', 'dubai', 'barcelona'];

var wrap = document.querySelector("#dinamic");
for(i=0; i < title.length; i++){

    var articles = document.createElement("article");
    wrap.appendChild(articles);
    var a = document.createElement("a");
    articles.appendChild(a);
    var div = document.createElement("div");
    articles.appendChild(div);
    a.setAttribute("class", "image");
    a.setAttribute("href", 'images/' + sources[i] + '.jpg');
    div.setAttribute("class", "caption");
    var img = document.createElement("img");
    a.appendChild(img);
    img.setAttribute("alt", title[i]);
    img.setAttribute("src", 'images/' + sources[i] + '.jpg');
    var h3 = document.createElement("h3");

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        div.appendChild(h3);
        h3.innerHTML = title[i];
        var p = document.createElement("p");
        div.appendChild(p);
        var ul = document.createElement("ul");
        div.appendChild(ul);
        ul.setAttribute("class", "actions fixed");
        var li = document.createElement("li");
        ul.appendChild(li);
        var span = document.createElement("span");
        li.appendChild(span);
        span.setAttribute("class", "button small");
        span.innerHTML="Open"
    }
//Dinamicko ispisivanje optionsa
var hours = document.querySelectorAll(".dynamicHours");
for(var i = 0; i<hours.length; i++){
    for(var j = 0; j<24; j++){
        if(j>9 && j!=12){
            hours[i].innerHTML += '<option>'+[j]+' :00</option>';
        }
        else if(j==12){
            hours[i].innerHTML += '<option selected="selected">'+[j]+' :00</option>';
        }
        else{
            hours[i].innerHTML += '<option>0'+[j]+' :00</option>';
        }
    }
}
//Provere
var search = document.querySelector("#search");
search.addEventListener("click", carCheck);
searchFlights.addEventListener('click', flightCheck);
searchHotels.addEventListener("click", hotelsCheck);
guests.addEventListener("change", guestsChange);
var regexFromTo = /^( [A-ZŠĐĆČŽ][a-zšđćčž]{1,15})(\s[A-ZŠĐĆČŽ][a-zšđćčž]{1,15}){0,3}\,\s[A-ZŠĐĆČŽ]{3}$/;
var regexLocHotels = /^( [A-ZŠĐĆČŽ][a-zšđćčž]{1,15})(\s[A-ZŠĐĆČŽ][a-zšđćčž]{1,15}){0,3}$/;
var regexCreditCard = /^\d{4}\-\d{4}\-\d{4}\-\d{4}$/;

function carCheck(){
    var splittedDate = pickupDate.value.split("/");
    var splittedDateReturn = dropOffDate.value.split("/");
    if (splittedDate[2]<year ||
        splittedDateReturn[2]<year ||
        (splittedDate[2]==year && splittedDate[0]<month) ||
        (splittedDateReturn[2]==year && splittedDateReturn[0]<month) ||
        (splittedDate[2]==year && splittedDate[0]==month && splittedDate[1]<day) ||
        (splittedDateReturn[2]==year && splittedDateReturn[0]==month && splittedDateReturn[1]<day)
    )

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    ){
        alert('You cannot travel to the past!')
    }
}
function hotelsCheck(){
    var splittedDate = checkIn.value.split("/");
    var splittedDateReturn = checkOut.value.split("/");
    if (splittedDate[2]<year ||
        splittedDateReturn[2]<year ||
        (splittedDate[2]==year && splittedDate[0]<month) ||
        (splittedDateReturn[2]==year && splittedDateReturn[0]<month) ||
        (splittedDate[2]==year && splittedDate[0]==month && splittedDate[1]<day) ||
        (splittedDateReturn[2]==year && splittedDateReturn[0]==month && splittedDateReturn[1]<day)
    ){
        alert("You cannot pick date from the past");
    }
    var formIsTrueHotels = regexLocHotels.test(hotelLocation.value);
    if(!formIsTrueHotels){
        alert("We don't work with hotels in that location");
    }
    var creditCardIsTrue = regexCreditCard.test(creditCard.value);
    if(!creditCardIsTrue){
        alert("Your credit card is invalid");
    }
}
function flightCheck(){
    var departDate = document.querySelector('#departDateInput');
    var returnDate = document.querySelector('#returnDateInput');
    var splittedDate = departDate.value.split("/");
    var splittedDateReturn = returnDate.value.split("/");
    if (splittedDate[2]<year ||
        splittedDateReturn[2]<year ||
        (splittedDate[2]==year && splittedDate[0]<month) ||
        (splittedDateReturn[2]==year && splittedDateReturn[0]<month) ||
        (splittedDate[2]==year && splittedDate[0]==month && splittedDate[1]<day) ||
        (splittedDateReturn[2]==year && splittedDateReturn[0]==month && splittedDateReturn[1]<day)
    ){
        alert('You cannot travel to the past!')
    }
    var fromIsTrue = regexFromTo.test(inputFrom.value);
    var toIsTrue = regexFromTo.test(inputTo.value);
    if(!fromIsTrue || !toIsTrue){
        alert('We do not work with that airport')
    }
    if(inputFrom.value == inputTo.value){
        alert("You can't travel to the same airport. Please select another one")
    }
}

```

```
function guestsChange(){
    var guests = document.querySelector("#guests");
    if(guests.selectedIndex=="0"){
        guests.previousElementSibling.innerText = "Guest";
    }
    else{
        guests.previousElementSibling.innerText = "Guests";
    }
}

// Popunjavanje credit carda crticama
creditCard.addEventListener("keyup", addDash);

function addDash(){
    if(creditCard.value.length==4 || creditCard.value.length==9 || creditCard.value.length==14){
        creditCard.value += "-";
    }
}
```

## 3.4 jQuery

```
$('#[data-toggle="datepicker"]').datepicker({autoHide: 'true'});
// Podesavanje Default datea za pick up car i hotela
clientDate = new Date();
year = clientDate.getFullYear();
month = clientDate.getMonth() + 1;
day = clientDate.getDate();
returnDay = day+4;
$('#pickUpDate').attr({
    'placeholder': month + '/' + day + '/' + year,
})
$('#dropOffDate').attr({
    'placeholder': month + '/' + returnDay + '/' + year,
})
$('#checkIn').attr({
    'placeholder': month + '/' + day + '/' + year,
})
$('#checkOut').attr({
    'placeholder': month + '/' + returnDay + '/' + year,
})

//drop off loc show toggle
var buttonShowDropLoc = $("#diffLoc");
var drop = $("#dropOffLocation");
var pick = $("#pickUpLocation");
buttonShowDropLoc.click(function(){
    drop.toggle();
    pick.toggleClass('half');
})

//Prikazivanje Bubble Box-a
var driverAge = $("#driverAge");
driverAge.hover(
function(){
    $("#info").fadeIn('fast');
}, function(){
    $("#info").fadeOut('fast');
})

//Focus na klik za find cars i hotels
$("#carsLink").click(function(){
    pickUp.focus();
})
$("#hotelsLink").click(function(){
    hotelLocation.focus();
})
```